Chase Martin

GitHub | **LinkedIn** | **AngelList** | **Portfolio**
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Projects

Fbclone | *Rails · JavaScript · React · Redux · PostgreSQL* | Live | GitHub
Social networking platform inspired by Facebook
- Implements SPA architecture with React/Redux frontend and Ajax requests to a JSON API
- Features user authentication with BCrypt ruby gem to store salted and hashed passwords
- Minimizes ActiveRecord queries by fetching all user related data at login with single query
- Live chat feature uses bi-directional functionality via WebSockets with help of Pusher

Advanced Battleship | *JavaScript · WebGL · BabylonJS · HTML5* | Live | GitHub
WebGL implementation of Battleship: Advanced Mission
- Utilizes a 3D interface with fluid animations to provide immersive and realistic gameplay
- Integrates with Web Audio API to supply sound effects for missile launches and explosions
- Provides smart AI for computer player which emulates intuitive human player reactions

jQuaere | *JavaScript* | GitHub
A lightweight DOM manipulation library
- Wraps around native DOM API to allow selection, creation and manipulation of DOM nodes
- Allows for AJAX request creation and execution with built-in method that provides defaults
- Extends and abstracts DOM event methods which allows user to quickly provide interactivity

Skills

Ruby · Rails · RSpec · JavaScript(ES6) · C++ · React · React Native · Angular · Redux
TDD · AWS · PostgreSQL · HTML5 · CSS3 · Sass · SQL · Git · WebGL · BabylonJS

Education

Web Development | *App Academy* | New York | Fall 2016
- Graduated from an immersive full-stack web development bootcamp with less than 3% acceptance rate and rigorous weekly assessments to ensure retention of advanced concepts such as ADTs, algorithm time/space complexity, and meta programming

Computer Science | *Santa Monica College* | Los Angeles | Fall 2012 - Spring 2014
- Courses in data structures, computer architecture, linear algebra, C++ and OOP
- Left in good academic standing to pursue software engineering in a more direct path such as through personal projects and bootcamp enrollment

Professional Experience

Jumpstart Instructor | *App Academy* | New York | Jan 2017 - Present
- Provide coding lectures, code reviews, pairing practice and answers to technical questions for students learning Ruby in preparation for bootcamp admission at App Academy

General Manager | *M Café de Chaya* | Los Angeles | Oct 2013 - Jan 2016
- Lowered operating costs by analyzing P&L reports, accounting, vendor contracts, MICROS POS configuration and delivery systems with various custom built tracking systems